



SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT

SMOKE ADVISORY

Valid Wednesday September 09, 2020 through Thursday September 10, 2020

This advisory is in effect through Thursday Afternoon. South Coast AQMD will issue an update if additional information becomes available.

Two major local wildfires as well as wildfires in Northern and Central California are affecting air quality in the region. A wildfire named the Bobcat Fire began on Sunday and is burning north of Azusa and Glendora in the Angeles National Forest. As of 7:47 AM on Wednesday, the burn area was approximately 11,456 acres with 0% containment. Current information on the Bobcat Fire can be found on the Incident Information System (InciWeb) at <https://inciweb.nwcg.gov/incident/7152>.

A wildfire named the El Dorado Fire is currently burning in the San Bernardino Mountains near Yucaipa in San Bernardino County. As of 6:44 AM on Wednesday, the burn area was reported at 11,479 acres with 19% containment. Current information on the El Dorado Fire can be found on the Incident Information System at: <https://inciweb.nwcg.gov/incident/7148/>. Smoke from fires in Northern and Central California is also being transported south and may impact the South Coast Air Basin and Coachella Valley.

Current Smoke and Ash Impacts

The Bobcat Fire is producing substantial amounts of smoke on Wednesday afternoon based on satellite imagery. The El Dorado Fire is still producing smoke visible on satellite imagery, but the plume is much smaller than that of the Bobcat Fire. Falling ash has been reported downwind of the Bobcat Fire throughout the South Coast Air Basin. While there is heavy smoke aloft over the South Coast Air Basin, surface fine particulate matter (PM_{2.5}) observations have been in the **Good** and **Moderate** air quality index (AQI) categories in much of the Basin except in areas adjacent to the fires. Temporary monitors deployed in Azusa near the Bobcat fire and Redlands near the El Dorado Fire have both measured hourly values in the **Unhealthy** AQI category. Visit <https://www.aqmd.gov/aqdata> to view current air quality conditions.

In any area impacted by smoke: If you smell smoke or see ash due to a wildfire, limit your exposure by remaining indoors with windows and doors closed or seeking alternate shelter, and avoiding vigorous physical activity. For more tips on protecting yourself during a wildfire, see South Coast AQMD's Wildfire Smoke & Ash Health & Safety Tips page: <http://www.aqmd.gov/wildfire-health-info-smoke-tips>

Forecasted Smoke and Ash Impacts

Most of the South Coast AQMD jurisdiction will experience smoke impacts with the highest AQI values occurring in direct proximity to the Bobcat and El Dorado Fires. Smoke transported from fires in Central and Northern California may also contribute to widespread elevated PM_{2.5} concentrations. Smoke impacts will be highly variable in both space and time through Thursday.

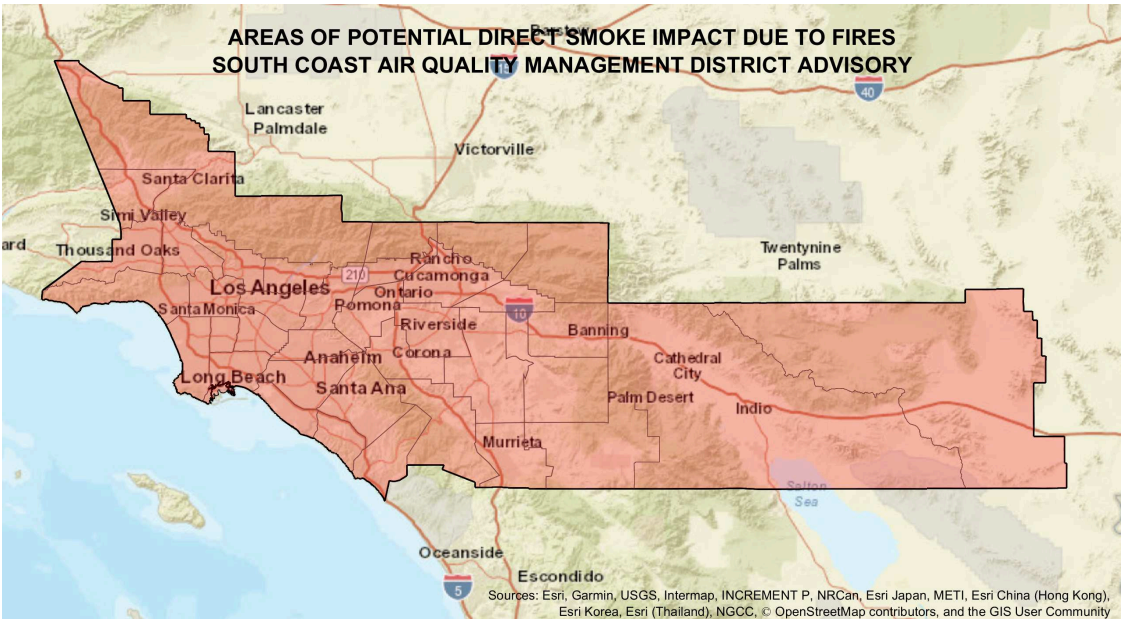
- Overnight Wednesday through mid-day on Thursday: Areas south of the Bobcat fire along the I-210 corridor from Pasadena to Rancho Cucamonga will likely see the highest PM_{2.5} concentrations. Smoke impacts from the El Dorado Fire is more limited in area and will likely be largely confined to the area between Yucaipa to Banning. Southwest Los Angeles County, Orange County, and Southwest Riverside County will have more modest, but likely noticeable smoke and ash impacts.

- Thursday afternoon: The Santa Ana event will fade and smoke will shift to the west and may affect the Santa Clarita Valley. Impact from the El Dorado Fire will likely be largely confined to the area between Yucaipa and Banning. Smoke and ash impacts in Southwest Los Angeles County, Orange County, and Southwest Riverside County will likely be more modest.
- Thursday evening: The most significant impacts will be in the San Bernardino Valley area. Smoke will likely also affect the Coachella valley. Southwest Los Angeles County, Orange County, and Southwest Riverside County will have more modest, but likely noticeable smoke and ash impacts.

Overall, meteorological conditions will bring smoke and ash into portions of Los Angeles, San Bernardino, Riverside, and Orange Counties. Unhealthy or higher AQI levels due to PM2.5 concentrations are possible in areas of direct smoke impacts. Impacts will be highly variable throughout the day, impacting different parts of the region at different times.

Areas of direct impacts and poor air quality may include portions of:

- **Los Angeles County:** Central Los Angeles (Area 1), Northwest Coastal LA County (Area 2), Southwest Coastal LA County (Area 3), South Coastal LA (Area 4), Southeast LA County (Area 5), West San Fernando Valley (Area 6), East San Fernando Valley (Area 7), West San Gabriel Valley (Area 8), East San Gabriel Valley (Area 9), Pomona-Walnut Valley (Area 10), South San Gabriel Valley (Area 11), South Central Los Angeles County (Area 12), Santa Clarita Valley (Area 13), San Gabriel Mountains (Area 15)
- **Orange County:** Northern Orange County (Area 16), Central Orange County (Area 17), North Coastal Orange Count (Area 18), Saddleback Valley (Area 19), Central Coastal Orange Cou (Area 20), Capistrano Valley (Area 21)
- **Riverside County:** Corona-Norco (Area 22), Metropolitan Riverside County (Area 23), Perris Valley (Area 24), Lake Elsinore (Area 25), Temecula Valley (Area 26), Anza Valley (Area 27), Hemet-San Jacinto Valley (Area 28), San Gorgonio Pass (Area 29), Coachella Valley (Area 30), East Riverside County (Area 31)
- **San Bernardino County:** Northwest San Bernardino Valley (Area 32), Southwest San Bernardino Valley (Area 33), Central San Bernardino Valley (Area 34), East San Bernardino Valley (Area 35), West San Bernardino Mountains (Area 36), Central San Bernardino Mountains (Area 37), East San Bernardino Mountains (Area 38)



South Coast AQMD Advisory updates can be found at the following link: <http://www.aqmd.gov/advisory>

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To view current air quality conditions by region in an interactive map, see <http://www.aqmd.gov/aqimap>

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